

#### 108.4 - Moisture in Oils and Alcohols (liquid form)

SRM 2890, Water Saturated 1-Octanol, is certified for water content and is intended for use in calibrating instruments and validating the accuracy of analytical methods. Water concentration values, for RMs 8506a and 8509 are not certified, but represent the "best estimate" of the moisture content determined by NIST, and are intended for use in developing and validating methods for the determination of moisture in oil and similar matrices.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	2721	2722	2890	8506a	8509
Description	Crude Oil (Light -Sour)	Crude Oil (Heavy-Sweet)	Water Saturated 1-Octanol	Moisture in Transformer Oil	Moisture in Methanol
Unit of Issue	(5 x 10 mL)	(5 x 10 mL)	(5 x 2 mL)	(5 x 9.5 mL)	(set (5))
Water Concentration	134 mg/kg	99 mg/kg	47.3 mg/g	34.5 mg/kg ( <i>Volumetric</i> ) 22.5 mg/kg ( <i>Coulometric</i> )	93 mg/kg

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only